

MD 322 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

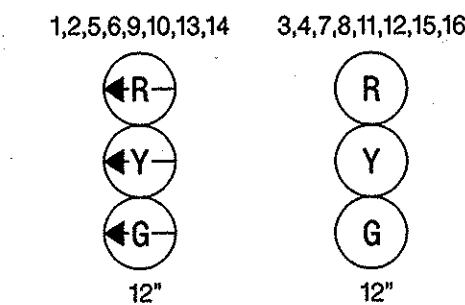
GENERAL NOTES

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THE CONFLICT MAY BE RESOLVED.
2. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCE AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
3. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT BEING REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE WORK.
4. DISCONNECT EXISTING INTERCONNECT CABLE FROM THE CONTROLLER AND PULL-BACK TO THE NEXT HANDHOLE. INSTALL HANDHOLES AND CONDUIT AND THEN RE-INSTALL CABLE THROUGH THE NEW CONDUIT NEW TO THE NEW BASE MOUNTED CABINET.
5. SIGNALS AND SIGNS ARE SHOWN AT THEIR ULTIMATE LOCATIONS. ADJUSTMENT OF THESE LOCATIONS MAY BE REQUIRED BASED UPON THE THE STAGING OF THE ROADWAY CONSTRUCTION AND AT THE DIRECTION OF THE SHA INSPECTOR.
6. THE WIRING FOR THE SIGNAL HEADS AND VIDEO DETECTION SHALL BE TEMPORARILY INSTALLED ON THE 3/8 IN. SPAN WIRE. EXTRA CABLE SHOULD BE PROVIDED TO ENSURE ADEQUATE LENGTH FOR THE ULTIMATE CABLE ROUTING.

CONSTRUCTION DETAILS

- A. INSTALL 27 FT. MAST ARM POLE WITH 50 FT/70 FT. MAST ARMS, SIGNAL HEADS, SIGNS, AND VIDEO DETECTION CAMERAS (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS) CUT POLE TO 22 FT. HEIGHT
- B. INSTALL 27 FT. MAST ARM POLE WITH 50 FT/70 FT. MAST ARMS, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS, AND 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
- C. INSTALL BASE MOUNTED CABINET AND CONTROLLER WITH ALL OTHER NECESSARY EQUIPMENT (NOTE: INSTALL 2-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
- D. INSTALL ELECTRICAL HANDHOLE
- E. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
- F. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - BORED
- G. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - BORED
- H. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
- I. INSTALL MICRO-LOOP PROBE
- J. VIDEO DETECTION ZONE
- K. PROPOSED UNDERGROUND ELECTRIC SERVICE
- L. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
- M. INSTALL METER SERVICE PEDESTAL
- N. REMOVE EXISTING STRAIN POLE AND ALL ASSOCIATED EQUIPMENT
- O. REMOVE EXISTING HANDHOLE
- P. INSTALL ASSOCIATED SHIELD ASSEMBLY ON TWO 4 IN. X 6 IN. WOOD POSTS
- R. USE EXISTING CONDUIT
- S. USE EXISTING HANDHOLE
- T. INSTALL 3/8 IN. TEMPORARY STEEL SPAN WIRE FOR SIGNAL CABLES

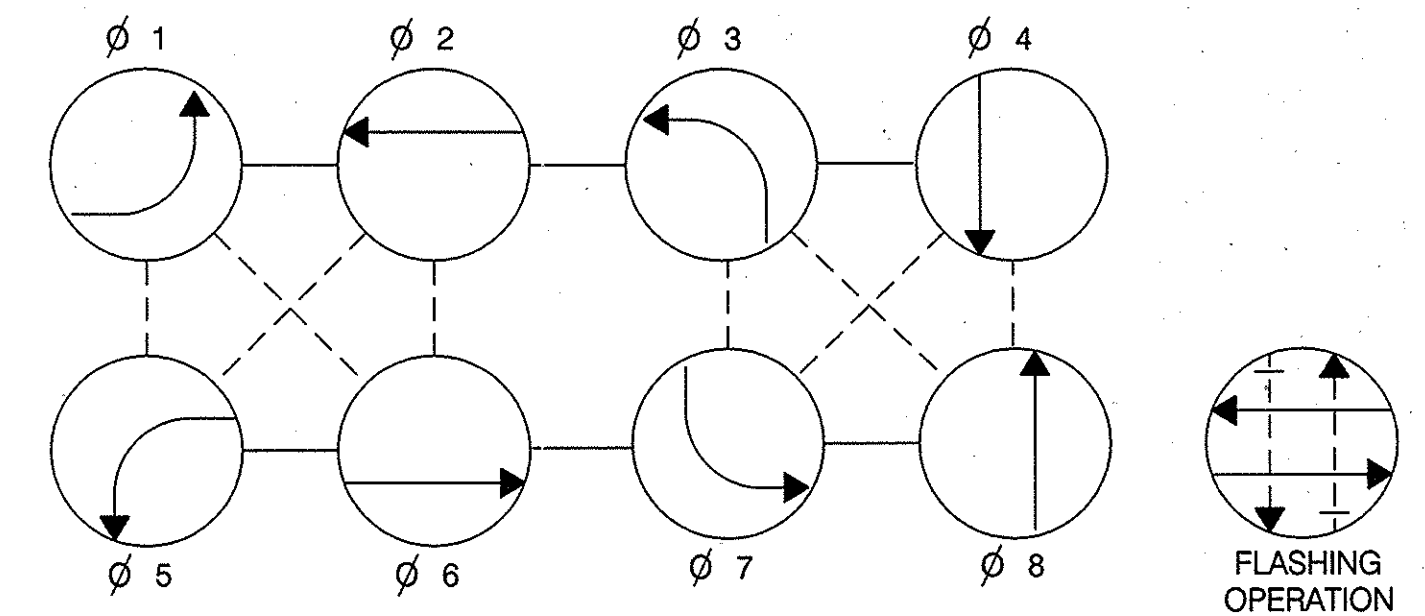
PROPOSED SIGNALS LED



PROPOSED VIDEO DETECTION CAMERAS



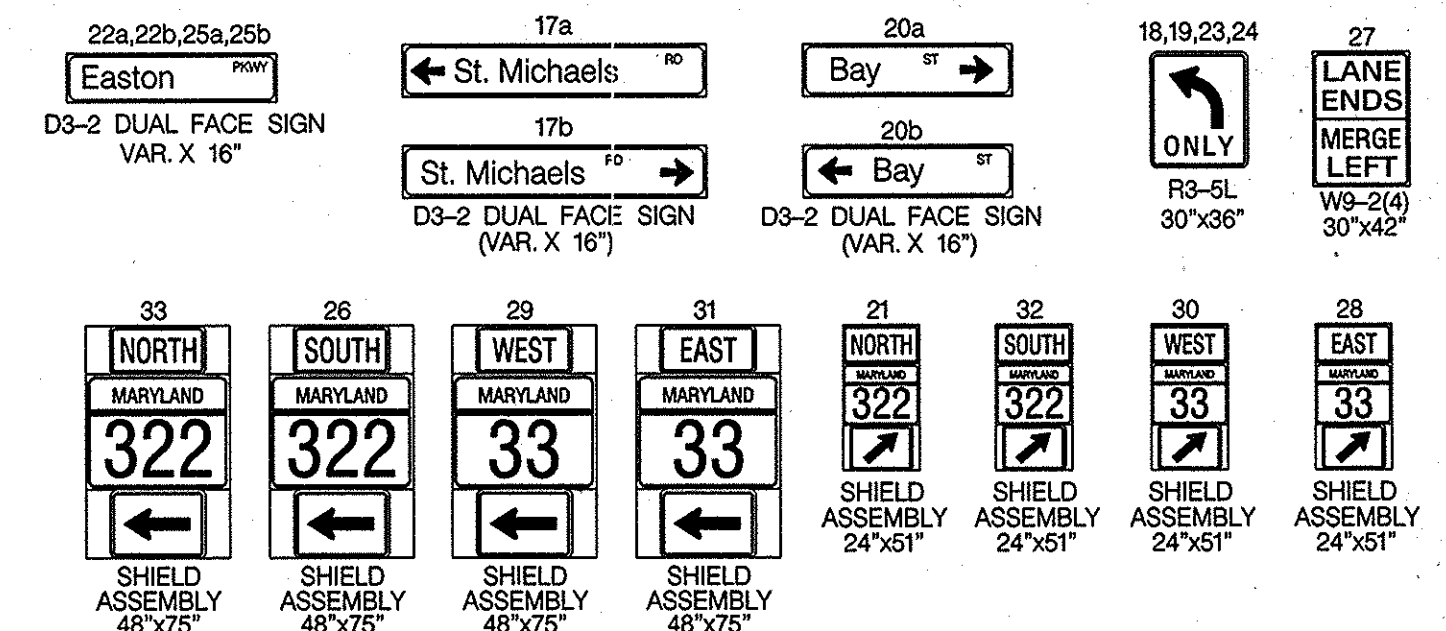
NEMA PHASING



PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.

PROPOSED SIGNS



MD 322 (EASTON PARKWAY)

MD 322 (EASTON PARKWAY)

MD 33 (BAY ST)

PHASE 1

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
MD 322 AND MD 33

SCALE 1"=20' DATE _____ CONTRACT NO. _____
DESIGNED BY H. KILIAN COUNTY TALBOT
DRAWN BY H. KILIAN LOGMILE 20003322.98
CHECKED BY _____ T.I.M.S. NO. 6697
F.A.P. NO. _____ TOD NO. _____
DRAWING NO. TS-1349G SHEET NO. 1 OF 3

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE _____ A
ELECTRICAL _____ E
TELEPHONE _____ T
GAS _____ G
SEWER _____ S
WATER _____ W
CABLE TV _____ TV

TRAFFIC CONCEPTS, INC.
325 Gambrills Road
Suite E
Gambrills, MD 21054
(410) 923-7101

FAX (410) 923-6473 EMAIL TRACONCEPT@AOL.COM

APPROVALS	REVISIONS
TEAM LEADER	RECONSTRUCT SIGNAL DUE TO WIDENING Phase 1
ASST. DIR. CHIEF	7-17-2006 SHA NO. BW-999M82
DIVISION CHIEF	10-17-1997 SHA NO. AWOIA51AWOIB51AWOIC51
OFFICE DIRECTOR	9-19-1998 SHA NO. BW-999M82